

## **Pharmaceutical Filtration: Global Markets**

Market Research Report | 2025-11-28 | 152 pages | BCC Research

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### **Report description:**

#### Description

#### Report Scope

Pharmaceutical filtration is used to purify liquids and gases in drug formulation and maintain product consistency in industrial production. It can also eliminate impurities, viruses, and hazardous elements from liquids and gases, thereby ensuring compliance with standards for drugs and medicines.

This report segments the global market for pharmaceutical filtration in five regions: North America, Europe, Asia-Pacific, the Middle East and Africa, and South America. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. In addition to regions, the report also segments the global market:

- By type (sterile and non-sterile).
- By product (filters, systems, and others).
- By usage (disposable and reusable).
- By mechanism (surface filtration, depth filtration, crossflow filtration, and cake filtration).
- By category (liquid and gas filtration and air filtration).
- By technology (microfiltration, nanofiltration, ultrafiltration, reverse osmosis, and others).
- By application (drug manufacturing, purification, and quality control).

#### Report Includes

- 85 data tables and 43 additional tables
- An analysis of the current and future global markets for pharmaceutical filtration technology
- Analyses of the global market trends, with market revenue data for 2024, estimates for 2025, and projected CAGRs through 2030
- Estimates of the size and revenue forecasts of the global market, along with a market share analysis by type, product category, usage type, mechanism, category, technology, application and region
- Facts and figures pertaining to the market dynamics, technical advances, regulations and the impact of macroeconomic factors

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- Insights derived from the Porter's Five Forces model, as well as global supply chain analyses
- An analysis of patents, emerging trends and new developments in the industry
- Overview of the sustainability trends and ESG developments in the industry, with emphasis on the ESG practices of leading companies, their ESG scores, and consumer attitudes
- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook
- Profiles of the leading market participants, including Merck KGaA, Thermo Fisher Scientific Inc., Danaher Corp., Parker Hannifin Corp., and Asahi Kasei Corp.

## Executive Summary

### Summary:

The global market for pharmaceutical filtration is expected to grow from \$12 billion in 2025 and is projected to reach \$20.3 billion by the end of 2030, at a compound annual growth rate (CAGR) of 11.1% during the forecast period of 2025 to 2030.

Pharmaceutical filtration is used in products such as injectables, vaccines, ophthalmic solvents, active pharmaceutical ingredients (APIs) and intravenous fluids (IVs) for purification and separation. The growing production of injectables, vaccines, APIs, and IV fluids highlights the importance of pharmaceutical filtration in developed and developing economies. Drug and medicine manufacturers are increasingly using pharmaceutical filtration technologies that comply with standards such as Good Manufacturing Practices (GMP), European Federation of Pharmaceutical Industries and Associations (EFPIA) and International Organization for Standardization (ISO).

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COLE-PARMER INSTRUMENT CO. LLC.  
CYTIVA (DANAHER CORP.)  
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